

Section 1

HIV Infection in Childbearing Women

Childbearing Women

In the period November 30, 1987 through April 30, 1996, the New York State Department of Health conducted a blinded, unlinked HIV prevalence study in childbearing women by performing HIV antibody testing on leftover blood specimens from the New York State Newborn Screening Program, after all identifying information was removed (unlinked testing). The presence of HIV antibodies in a newborn indicates infection of the mother but not necessarily of the infant. Studies have shown that without intervention approximately 25 percent of infants born to HIV-infected mothers are themselves infected with HIV. However, zidovudine therapy during pregnancy and delivery reduces the rate of perinatal HIV transmission by two-thirds.

Between May 1, 1996 and January 31, 1997, the department implemented regulations to further promote the identification of HIV-positive women early in their pregnancies to allow them an opportunity to receive zidovudine therapy and thus reduce the risk of HIV transmission to their children.

Under the regulations, women not tested for HIV during pregnancy could request the result of the HIV testing of their newborn that was previously carried out as part of the unlinked survey. For women who requested the results of their newborn's HIV test, the specimens were linked to identifying information and test results were returned to the physician and mother. For those women who did not request the result of their newborn's HIV test, all identifying information was removed before the specimens were tested as was previously done for the unlinked study.

Beginning on February 1, 1997, HIV infection was added to the list of medical conditions for which all New York State infants must be tested under the state's Newborn Screening Program. All babies born in the state are now routinely tested for HIV antibodies, and the test results are reported to the baby's mother and the infant's medical care provider. Infants testing positive for HIV antibodies are referred for follow-up testing by polymerase chain reaction (DNAPCR) to confirm actual infection. Early identification of infected infants allows for appropriate treatment.

The HIV prevalence in childbearing women varies by geographic location, age and racial/ethnic group. Prevalence is highest in New York City (see Figure 1-1), in blacks and Hispanics (see Figure 1-2) and in those 30 years of age and older (see Figure 1-3). Since 1990 HIV prevalence in childbearing women has been decreasing in New York City, falling from 1.23 percent positive in 1990 to 0.67 percent positive in 1999 (see Figure 1-1). These decreases are most evident among Hispanic and white women (see Figure 1-2) and those 20-29 years of age (see Figure 1-3). In New York State exclusive of New York City, HIV prevalence peaked in 1991-1992 at 0.19 percent positive and has been declining since (see Figure 1-1). The decline in the Rest of New York is particularly evident in Hispanics and blacks (see Figure 1-2). In New York State percent HIV positivity increases with increasing age (see Figure 1-3). Those 10-19 years old had a rate of 0.22 percent positive while those 35+ had a rate of 0.48 percent positive in 1999. Declines in prevalence are especially notable in those 25-29 years of age (see Figure 1-3).

Figure 1-1

New York State Survey of Childbearing Women HIV Prevalence by Region

Deliveries January 1990 - December 1999

Region of Residence	Year of Delivery									
	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
New York City										
Number Positive	1,618	1,509	1,389	1,332	1,186	1,021	906	840	821	770
Number Tested	131,176	130,357	128,494	126,337	125,390	123,114	120,082	112,012	115,953	115,469
Percent HIV Positive	1.23	1.16	1.08	1.05	0.95	0.83	0.75	0.75	0.71	0.67
Rest of State										
Number Positive	262	290	286	240	229	201	197	153	169	178
Number Tested	155,236	152,431	149,734	146,484	142,315	138,526	135,308	129,538	130,913	128,811
Percent HIV Positive	0.17	0.19	0.19	0.16	0.16	0.15	0.15	0.12	0.13	0.14
Out of State										
Number Positive	6	4	5	5	2	6	10	4	5	0
Number Tested	4,279	4,257	4,292	4,086	4,215	4,001	4,112	3,782	3,908	3,990
Percent HIV Positive	0.14	0.09	0.12	0.12	0.05	0.15	0.24	0.11	0.13	0.00
Unknown										
Number Positive	12	13	4	6	4	3	2	2	1	3
Number Tested	725	651	314	180	137	90	56	398	60	162
Percent HIV Positive	1.66	2.00	1.27	3.33	2.92	3.33	3.57	0.50	1.67	1.85
Total Positive	1,898	1,816	1,684	1,583	1,421	1,231	1,115	999	996	951
Total Tested	291,416	287,696	282,834	277,087	272,057	265,731	259,558	245,730	250,834	248,432
Total Percent HIV Positive	0.65	0.63	0.60	0.57	0.52	0.46	0.43	0.41	0.40	0.38

Figure 1-1a by Region

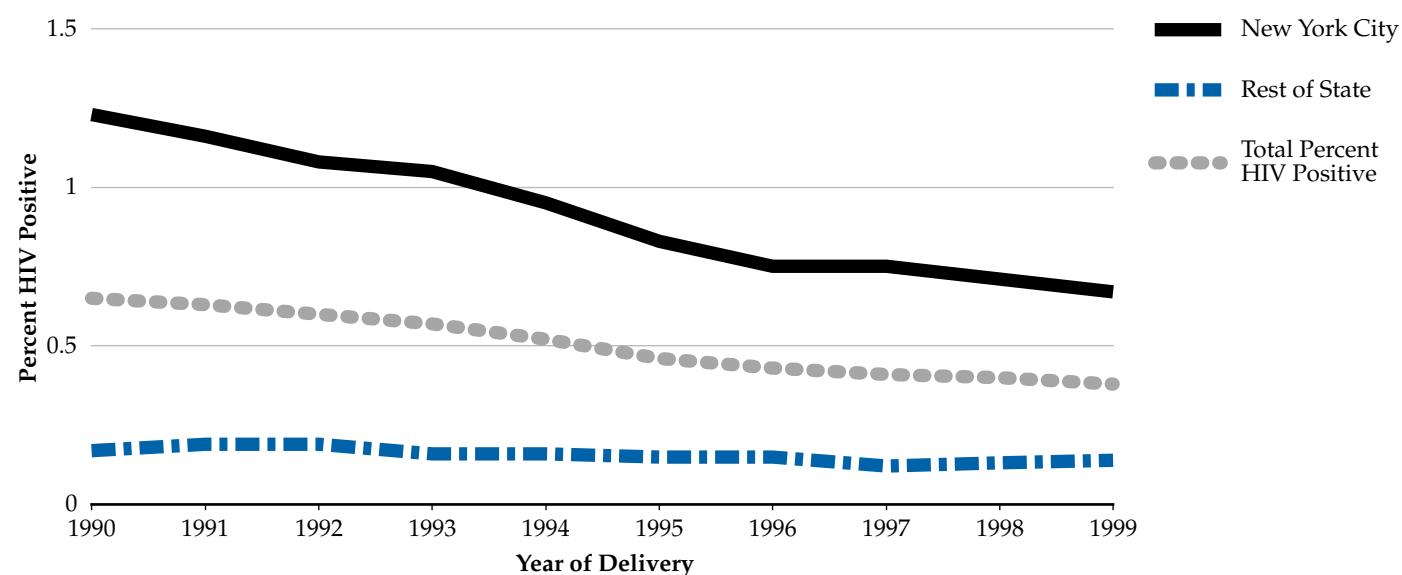


Figure 1-1

New York State Survey of Childbearing Women, HIV Prevalence by Region, Deliveries January 1990 - December 1999
(continued)

NYC Borough of Residence	Year of Delivery									
	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
Bronx										
Number Positive	473	402	398	389	348	305	259	279	283	244
Number Tested	26,253	26,040	25,219	25,061	24,606	23,747	22,929	20,929	21,944	21,511
Percent HIV Positive	1.80	1.54	1.58	1.55	1.41	1.28	1.13	1.33	1.29	1.13
Brooklyn										
Number Positive	585	554	506	476	422	356	334	277	282	296
Number Tested	45,244	44,578	43,869	42,594	42,197	41,018	39,992	37,408	38,817	38,513
Percent HIV Positive	1.29	1.24	1.15	1.12	1.00	0.87	0.84	0.74	0.73	0.77
Manhattan										
Number Positive	352	334	297	299	245	205	188	161	138	121
Number Tested	22,250	22,089	21,710	21,209	21,011	20,405	19,898	18,596	18,964	19,377
Percent HIV Positive	1.58	1.51	1.37	1.41	1.17	1.00	0.94	0.87	0.73	0.62
Queens										
Number Positive	177	189	159	142	142	132	110	109	99	90
Number Tested	31,372	31,477	31,413	31,502	31,712	32,148	31,581	29,777	30,789	30,622
Percent HIV Positive	0.56	0.60	0.51	0.45	0.45	0.41	0.35	0.37	0.32	0.29
Staten Island										
Number Positive	31	30	29	26	29	23	15	14	19	19
Number Tested	6,057	6,173	6,283	5,971	5,864	5,796	5,682	5,302	5,439	5,446
Percent HIV Positive	0.51	0.49	0.46	0.44	0.49	0.40	0.26	0.26	0.35	0.35

Figure 1-1b by Borough

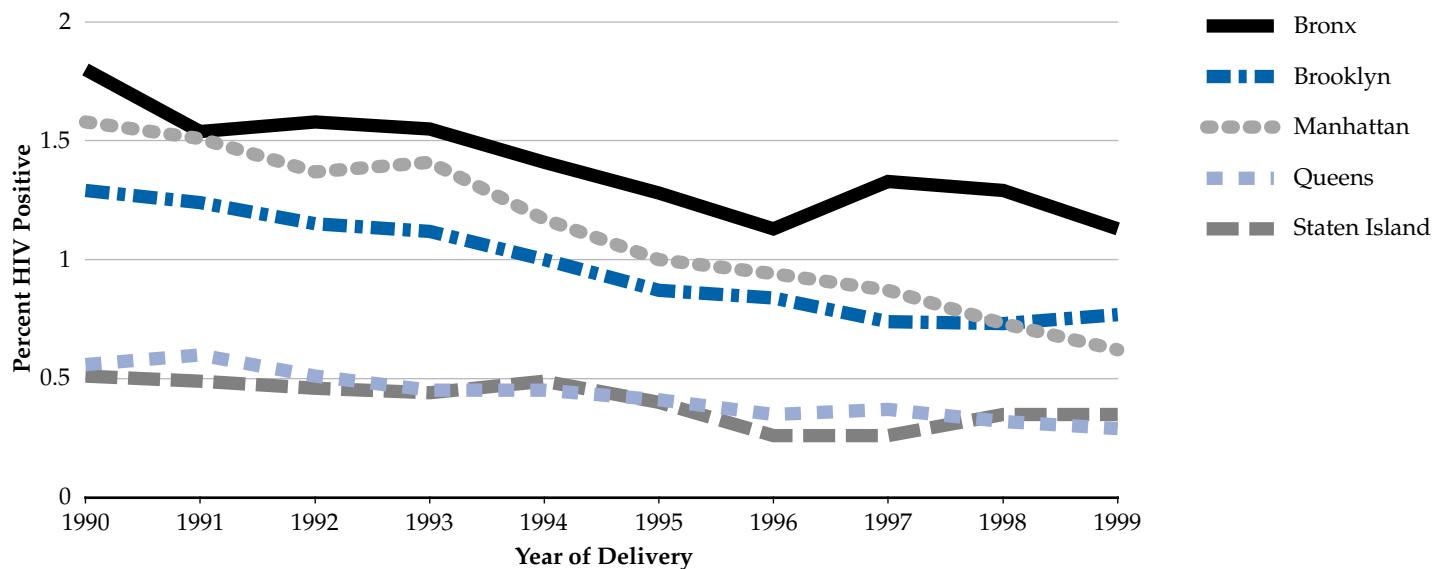
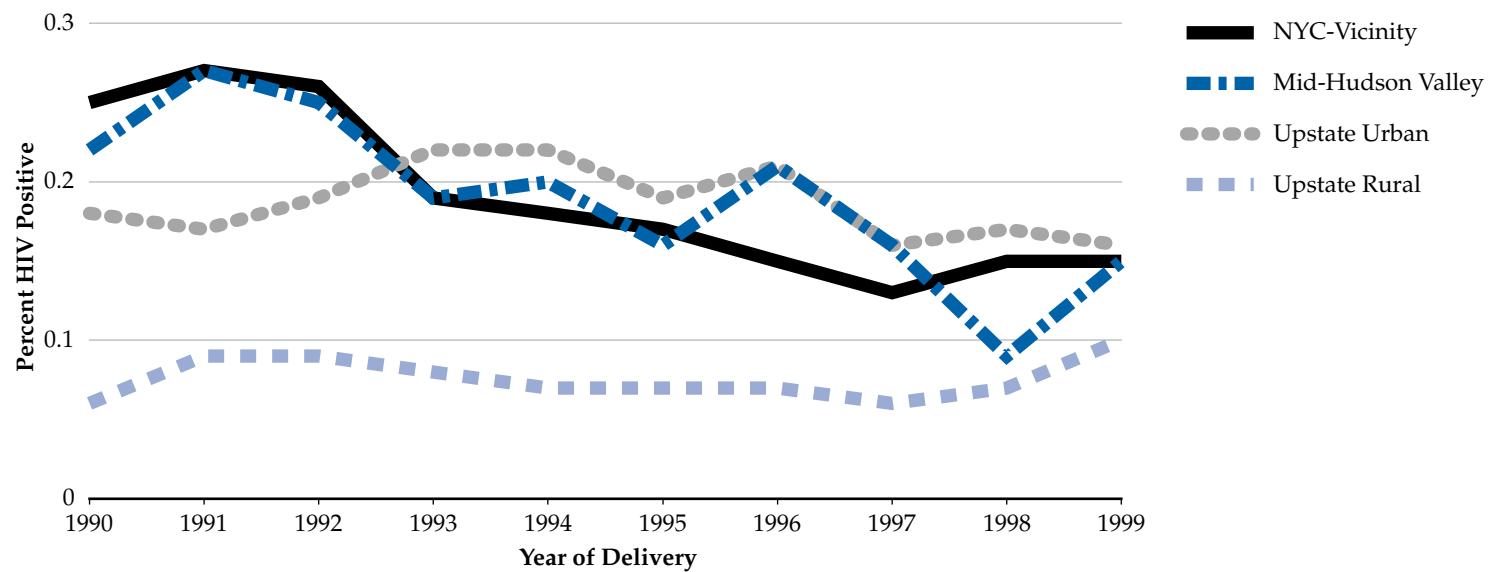


Figure 1-1

New York State Survey of Childbearing Women, HIV Prevalence by Region, Deliveries January 1990 - December 1999
(continued)

Rest of State Residents	Year of Delivery									
	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
NYC-Vicinity¹										
Number Positive	134	148	140	101	98	90	78	65	80	76
Number Tested	54,455	54,368	53,826	53,555	53,381	53,105	52,622	50,726	51,710	51,202
Percent HIV Positive	0.25	0.27	0.26	0.19	0.18	0.17	0.15	0.13	0.15	0.15
Mid-Hudson Valley²										
Number Positive	28	34	32	23	23	18	24	18	10	16
Number Tested	12,940	12,647	12,616	12,092	11,695	11,451	11,471	11,019	10,825	10,674
Percent HIV Positive	0.22	0.27	0.25	0.19	0.20	0.16	0.21	0.16	0.09	0.15
Upstate Urban³										
Number Positive	71	67	73	83	79	65	67	49	53	50
Number Tested	40,113	38,966	38,115	36,987	35,172	33,823	32,679	30,977	31,476	30,433
Percent HIV Positive	0.18	0.17	0.19	0.22	0.22	0.19	0.21	0.16	0.17	0.16
Upstate Rural⁴										
Number Positive	29	41	41	33	29	28	28	21	26	36
Number Tested	47,732	46,450	45,177	43,850	42,067	40,147	38,536	36,816	36,902	36,502
Percent HIV Positive	0.06	0.09	0.09	0.08	0.07	0.07	0.07	0.06	0.07	0.10

Figure 1-1c by Upstate Region



¹ Nassau, Rockland, Suffolk and Westchester counties.

² Dutchess, Orange, Putnam, Sullivan and Ulster counties.

³ Albany, Erie, Monroe, Onondaga and Schenectady counties.

⁴ All other upstate counties.

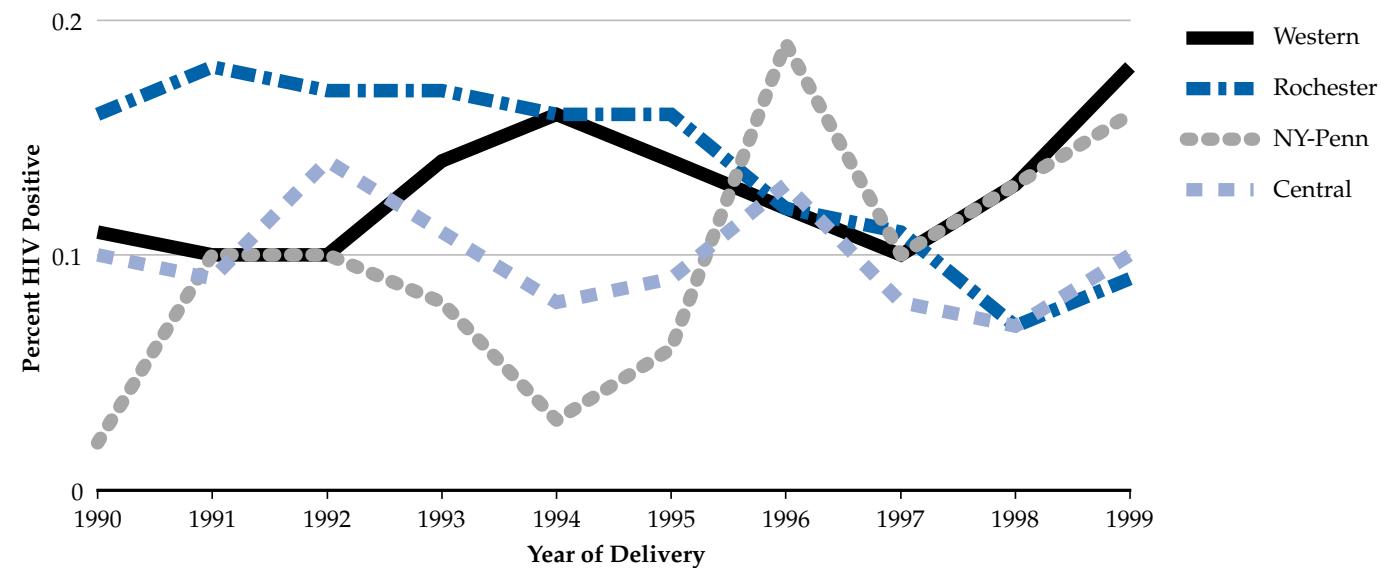
Figure 1-1

New York State Survey of Childbearing Women, HIV Prevalence by Region, Deliveries January 1990 - December 1999
(continued)

Ryan White

Region of Residence	Year of Delivery									
	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
Western^a										
Number Positive	25	23	22	29	33	28	23	18	24	31
Number Tested	23,189	22,591	21,784	21,337	20,518	19,659	19,316	18,178	18,237	17,696
Percent HIV Positive	0.11	0.10	0.10	0.14	0.16	0.14	0.12	0.10	0.13	0.18
Rochester^b										
Number Positive	30	34	31	30	27	26	18	16	10	14
Number Tested	19,173	18,776	18,572	17,850	16,800	16,125	15,412	14,997	15,253	14,792
Percent HIV Positive	0.16	0.18	0.17	0.17	0.16	0.16	0.12	0.11	0.07	0.09
NY-Penn^c										
Number Positive	1	4	4	3	1	2	6	3	4	5
Number Tested	4,215	4,056	3,838	3,730	3,441	3,361	3,192	3,078	3,098	3,134
Percent HIV Positive	0.02	0.10	0.10	0.08	0.03	0.06	0.19	0.10	0.13	0.16
Central^d										
Number Positive	21	19	30	22	16	17	22	14	12	16
Number Tested	21,857	21,471	20,892	20,019	19,162	18,179	17,527	16,542	16,614	16,646
Percent HIV Positive	0.10	0.09	0.14	0.11	0.08	0.09	0.13	0.08	0.07	0.10

Figure 1-1d by Ryan White Region



^a Allegany, Cattaraugus, Chautauqua, Erie, Genesee, Niagara, Orleans and Wyoming counties.

^b Chemung, Livingston, Monroe, Ontario, Schuyler, Seneca, Steuben, Wayne and Yates counties.

^c Broome, Chenango and Tioga counties.

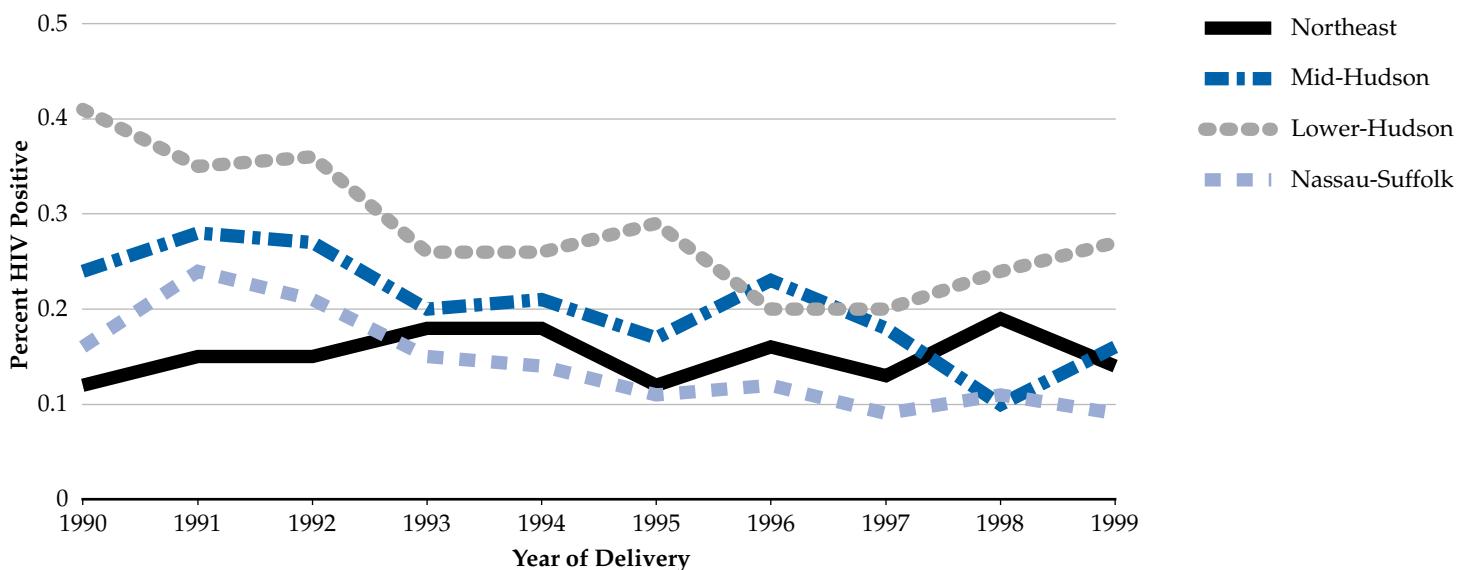
^d Cayuga, Cortland, Herkimer, Jefferson, Lewis, Madison, Oneida, Onondaga, Oswego, St. Lawrence and Tompkins counties.

Figure 1-1

New York State Survey of Childbearing Women, HIV Prevalence by Region, Deliveries January 1990 - December 1999
(continued)

Region of Residence (con't)	Year of Delivery									
	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
Northeast^e										
Number Positive	23	28	27	32	31	20	26	19	29	20
Number Tested	19,407	18,522	18,206	17,901	17,318	16,646	15,768	14,998	15,176	14,667
Percent HIV Positive	0.12	0.15	0.15	0.18	0.18	0.12	0.16	0.13	0.19	0.14
Mid-Hudson^f										
Number Positive	28	32	31	22	23	18	24	18	10	16
Number Tested	11,890	11,616	11,589	11,071	10,719	10,487	10,424	10,045	9,829	9,747
Percent HIV Positive	0.24	0.28	0.27	0.20	0.21	0.17	0.23	0.18	0.10	0.16
Lower-Hudson^g										
Number Positive	71	60	62	45	44	50	34	33	40	45
Number Tested	17,208	17,313	17,252	17,080	17,113	17,021	17,110	16,567	17,020	16,697
Percent HIV Positive	0.41	0.35	0.36	0.26	0.26	0.29	0.20	0.20	0.24	0.27
Nassau-Suffolk^h										
Number Positive	63	90	79	57	54	40	44	32	40	31
Number Tested	38,297	38,086	37,601	37,496	37,244	37,048	36,559	35,133	35,686	35,432
Percent HIV Positive	0.16	0.24	0.21	0.15	0.14	0.11	0.12	0.09	0.11	0.09

Figure 1-1e by Ryan White Region (con't.)



^e Albany, Clinton, Columbia, Delaware, Essex, Franklin, Fulton, Greene, Hamilton, Montgomery, Otsego, Rensselaer, Saratoga, Schenectady, Schoharie, Warren and Washington counties

^f Dutchess, Orange, Sullivan and Ulster counties.

^g Putnam, Rockland and Westchester counties.

^h Nassau and Suffolk counties.

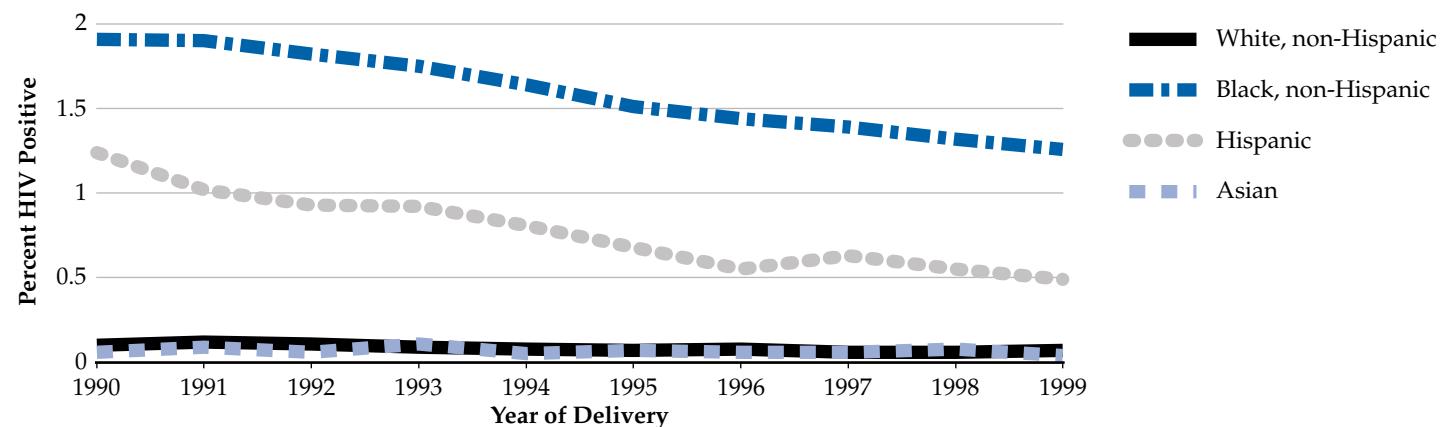
Figure 1-2

New York State Survey of Childbearing Women HIV Prevalence by Race/Ethnicity

Deliveries January 1990 - December 1999

Race/Ethnicity	Year of Delivery									
	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
All Tested in New York State										
White, non-Hispanic										
Number Positive	174	197	169	141	113	102	115	80	81	95
Number Tested	167,938	162,779	158,631	153,779	148,969	144,785	140,502	133,630	133,075	130,082
Percent HIV Positive	0.10	0.12	0.11	0.09	0.08	0.07	0.08	0.06	0.06	0.07
Black, non-Hispanic										
Number Positive	1,099	1,094	1,030	959	868	765	698	612	621	572
Number Tested	57,519	57,591	56,475	54,817	53,020	50,655	48,493	44,180	46,886	45,402
Percent HIV Positive	1.91	1.90	1.82	1.75	1.64	1.51	1.44	1.39	1.32	1.26
Hispanic										
Number Positive	590	493	451	450	404	333	263	280	253	229
Number Tested	47,542	48,540	48,413	49,041	49,816	49,203	47,731	44,602	46,174	46,527
Percent HIV Positive	1.24	1.02	0.93	0.92	0.81	0.68	0.55	0.63	0.55	0.49
Asian										
Number Positive	6	9	6	12	6	8	7	7	10	5
Number Tested	9,724	10,253	10,731	11,172	11,472	11,816	12,102	11,977	12,276	12,665
Percent HIV Positive	0.06	0.09	0.06	0.11	0.05	0.07	0.06	0.06	0.08	0.04
Native American*										
Number Positive	—	—	—	—	—	—	1	0	1	0
Number Tested	—	—	—	—	—	—	235	338	354	283
Percent HIV Positive	—	—	—	—	—	—	0.43	0.00	0.28	0.00
Other/Unknown										
Number Positive	29	23	28	21	30	23	31	20	30	50
Number Tested	8,693	8,533	8,584	8,278	8,780	9,272	10,495	11,003	12,069	13,473
Percent HIV Positive	0.33	0.27	0.33	0.25	0.34	0.25	0.30	0.18	0.25	0.37

Figure 1-2a All Tested in New York State



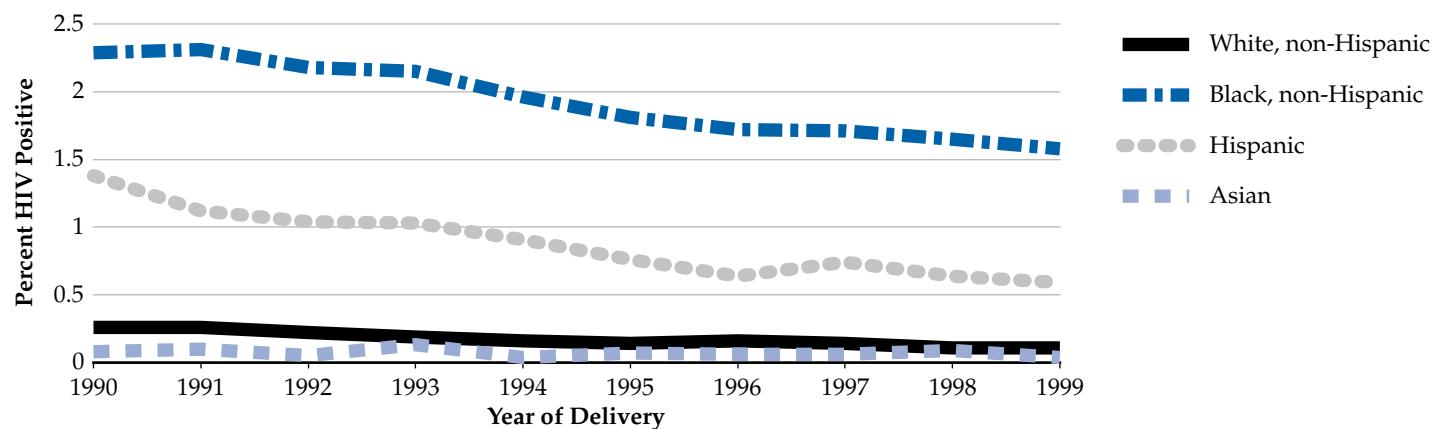
* Data on Native American identity not collected until May 1996. Prior to this, Native Americans were included with Other/Unknown category.

Figure 1-2

New York State Survey of Childbearing Women, HIV Prevalence by Race/Ethnicity,
Deliveries January 1990 - December 1999 (continued)

Race/Ethnicity	Year of Delivery									
	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
NYC Residents										
White, non-Hispanic										
Number Positive	93	90	74	63	53	44	51	40	33	33
Number Tested	36,037	35,000	34,052	33,217	32,230	31,583	31,096	29,295	29,506	29,347
Percent HIV Positive	0.26	0.26	0.22	0.19	0.16	0.14	0.16	0.14	0.11	0.11
Black, non-Hispanic										
Number Positive	938	936	864	822	731	649	580	518	528	487
Number Tested	40,941	40,506	39,642	38,214	37,206	35,836	33,756	30,220	31,992	30,916
Percent HIV Positive	2.29	2.31	2.18	2.15	1.96	1.81	1.72	1.71	1.65	1.58
Hispanic										
Number Positive	557	457	422	420	372	304	245	259	232	211
Number Tested	40,507	40,981	40,638	40,581	40,979	39,886	38,229	35,177	36,180	36,016
Percent HIV Positive	1.38	1.12	1.04	1.03	0.91	0.76	0.64	0.74	0.64	0.59
Asian										
Number Positive	6	8	4	11	4	7	6	6	9	4
Number Tested	7,558	7,931	8,235	8,661	9,029	9,356	9,451	9,333	9,540	9,903
Percent HIV Positive	0.08	0.10	0.05	0.13	0.04	0.07	0.06	0.06	0.09	0.04
Native American*										
Number Positive	—	—	—	—	—	—	0	0	1	0
Number Tested	—	—	—	—	—	—	50	51	73	47
Percent HIV Positive	—	—	—	—	—	—	0.00	0.00	1.37	0.00
Other/Unknown										
Number Positive	24	18	25	16	26	17	24	17	18	35
Number Tested	6,133	5,939	5,927	5,664	5,946	6,453	7,500	7,936	8,662	9,240
Percent HIV Positive	0.39	0.30	0.42	0.28	0.44	0.26	0.32	0.21	0.21	0.38

Figure 1-2b **NYC Residents**



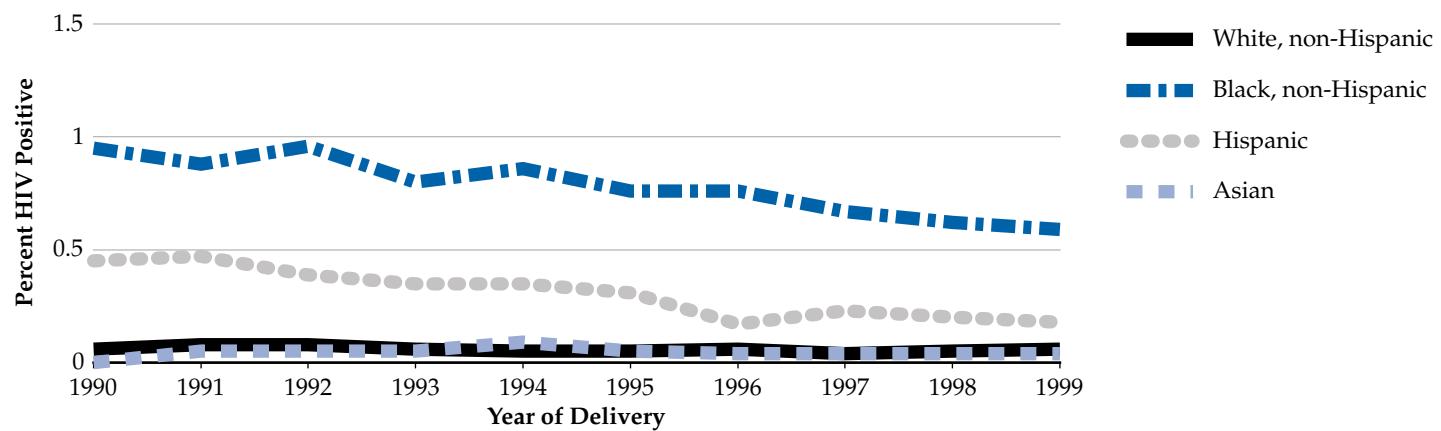
* Data on Native American identity not collected until May 1996. Prior to this, Native Americans were included with Other/Unknown category.

Figure 1-2

New York State Survey of Childbearing Women, HIV Prevalence by Race/Ethnicity,
Deliveries January 1990 - December 1999 (continued)

Race/Ethnicity	Year of Delivery									
	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
Rest of State Residents										
White,non-Hispanic										
Number Positive	76	103	95	75	60	55	62	37	47	61
Number Tested	128,205	124,147	121,161	117,287	113,418	110,068	106,269	101,205	100,669	97,753
Percent HIV Positive	0.06	0.08	0.08	0.06	0.05	0.05	0.06	0.04	0.05	0.06
Black,non-Hispanic										
Number Positive	154	147	158	131	133	111	110	92	90	84
Number Tested	16,129	16,673	16,511	16,327	15,508	14,570	14,460	13,689	14,596	14,183
Percent HIV Positive	0.95	0.88	0.96	0.80	0.86	0.76	0.76	0.67	0.62	0.59
Hispanic										
Number Positive	30	34	29	29	30	28	16	21	19	18
Number Tested	6,708	7,209	7,428	8,202	8,596	9,043	9,263	9,138	9,724	10,234
Percent HIV Positive	0.45	0.47	0.39	0.35	0.35	0.31	0.17	0.23	0.20	0.18
Asian										
Number Positive	0	1	1	1	2	1	1	1	1	1
Number Tested	1,868	2,005	2,153	2,206	2,125	2,185	2,326	2,363	2,429	2,446
Percent HIV Positive	0.00	0.05	0.05	0.05	0.09	0.05	0.04	0.04	0.04	0.04
Native American*										
Number Positive	—	—	—	—	—	—	1	0	0	0
Number Tested	—	—	—	—	—	—	182	286	281	228
Percent HIV Positive	—	—	—	—	—	—	0.55	0.00	0.00	0.00
Other/Unknown										
Number Positive	2	5	3	4	4	6	7	2	12	14
Number Tested	2,330	2,397	2,481	2,462	2,668	2,660	2,808	2,857	3,214	3,967
Percent HIV Positive	0.09	0.21	0.12	0.16	0.15	0.23	0.25	0.07	0.37	0.35

Figure 1-2c Rest of State



* Data on Native American identity not collected until May 1996. Prior to this, Native Americans were included with Other/Unknown category.

Figure 1-3

New York State Survey of Childbearing Women HIV Prevalence by Age

Deliveries January 1990 - December 1999

All Tested in New York State

Age	Year of Delivery									
	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
10-19										
Number Positive	89	78	79	81	73	61	57	65	49	46
Number Tested	26,674	26,194	25,602	25,586	25,591	24,816	23,914	21,394	22,101	21,269
Percent HIV Positive	0.33	0.30	0.31	0.32	0.29	0.25	0.24	0.30	0.22	0.22
20-24										
Number Positive	410	367	333	308	304	245	188	182	166	169
Number Tested	65,044	63,765	60,809	58,022	55,834	52,804	50,408	48,062	49,509	49,882
Percent HIV Positive	0.63	0.58	0.55	0.53	0.54	0.46	0.37	0.38	0.34	0.34
25-29										
Number Positive	666	683	600	514	454	365	325	267	260	232
Number Tested	92,259	88,851	85,493	81,330	77,687	74,109	71,192	66,000	66,707	64,359
Percent HIV Positive	0.72	0.77	0.70	0.63	0.58	0.49	0.46	0.40	0.39	0.36
30-34										
Number Positive	480	428	407	444	400	359	329	292	308	283
Number Tested	73,376	73,064	73,883	73,776	73,404	73,476	71,950	68,784	68,753	67,844
Percent HIV Positive	0.65	0.59	0.55	0.60	0.54	0.49	0.46	0.42	0.45	0.42
35+										
Number Positive	251	244	256	231	187	201	213	192	212	216
Number Tested	33,652	34,930	36,588	37,966	39,214	40,295	41,833	41,287	43,580	44,569
Percent HIV Positive	0.75	0.70	0.70	0.61	0.48	0.50	0.51	0.47	0.49	0.48
Other/Unknown										
Number Positive	2	16	9	5	3	0	3	1	1	5
Number Tested	411	892	459	407	327	231	261	203	184	509
Percent HIV Positive	0.49	1.79	1.96	1.23	0.92	0.00	1.15	0.49	0.54	0.98

Figure 1-3a All Tested in New York State

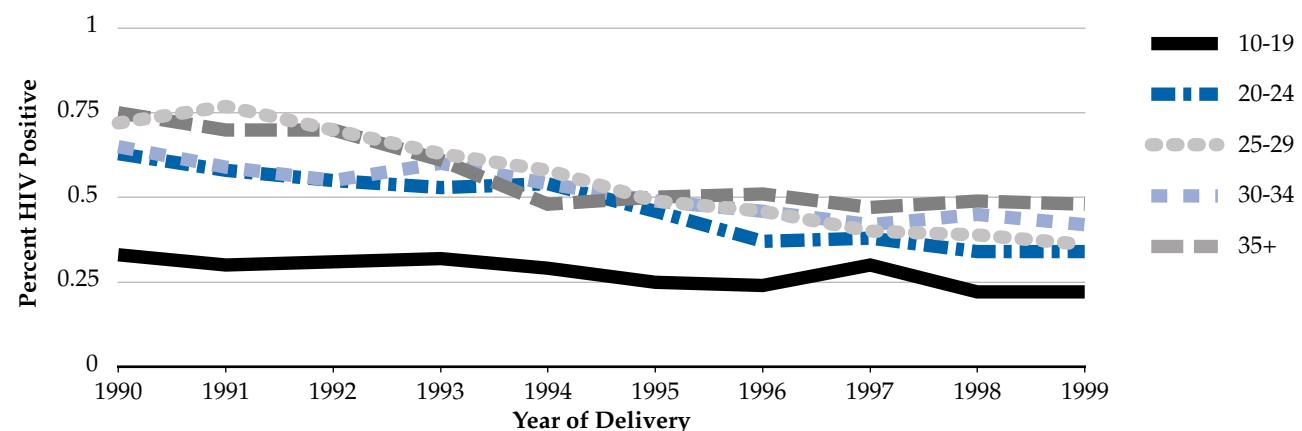


Figure 1-3

New York State Survey of Childbearing Women, HIV Prevalence by Age, Deliveries January 1990 - December 1999
(continued)

Age	Year of Delivery									
	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
10-19										
Number Positive	75	65	65	68	56	47	45	56	39	35
Number Tested	13,790	13,546	13,480	13,455	13,714	13,332	12,751	10,970	11,443	10,755
Percent HIV Positive	0.54	0.48	0.48	0.51	0.41	0.35	0.35	0.51	0.34	0.33
20-24										
Number Positive	349	294	271	244	244	207	149	149	135	131
Number Tested	31,428	31,102	30,210	28,988	28,634	27,693	26,651	25,278	26,250	26,456
Percent HIV Positive	1.11	0.95	0.90	0.84	0.85	0.75	0.56	0.59	0.51	0.50
25-29										
Number Positive	564	574	493	445	397	295	254	233	205	177
Number Tested	39,316	38,394	37,238	36,016	34,987	33,552	32,626	29,839	30,834	30,185
Percent HIV Positive	1.43	1.50	1.32	1.24	1.13	0.88	0.78	0.78	0.66	0.59
30-34										
Number Positive	412	363	340	383	329	305	271	241	255	230
Number Tested	30,362	30,290	30,105	30,051	29,913	30,089	29,396	27,762	28,260	28,350
Percent HIV Positive	1.36	1.20	1.13	1.27	1.10	1.01	0.92	0.87	0.90	0.81
35+										
Number Positive	216	198	213	189	160	167	185	160	187	196
Number Tested	16,089	16,472	17,191	17,606	17,975	18,338	18,532	18,073	19,095	19,483
Percent HIV Positive	1.34	1.20	1.24	1.07	0.89	0.91	1.00	0.89	0.98	1.01
Other/Unknown										
Number Positive	2	15	7	3	0	0	2	1	0	1
Number Tested	191	553	270	221	167	110	126	90	71	240
Percent HIV Positive	1.05	2.71	2.59	1.36	0.00	0.00	1.59	1.11	0.00	0.42

Figure 1-3b NYC Residents

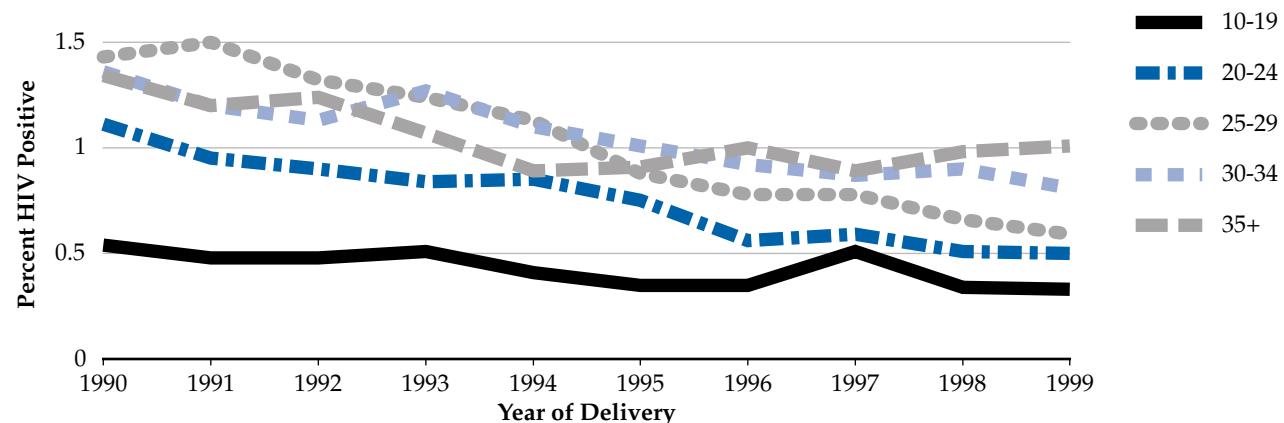


Figure 1-3

New York State Survey of Childbearing Women, HIV Prevalence by Age, Deliveries January 1990 - December 1999
(continued)

Rest of State Residents

Age	Year of Delivery									
	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
10-19										
Number Positive	14	13	14	12	17	14	12	9	10	11
Number Tested	12,702	12,509	12,003	12,027	11,773	11,378	11,069	10,324	10,578	10,406
Percent HIV Positive	0.11	0.10	0.12	0.10	0.14	0.12	0.11	0.09	0.09	0.11
20-24										
Number Positive	57	70	61	61	59	37	38	31	31	38
Number Tested	32,973	31,986	30,034	28,600	26,815	24,688	23,421	22,418	22,894	23,046
Percent HIV Positive	0.17	0.22	0.20	0.21	0.22	0.15	0.16	0.14	0.14	0.16
25-29										
Number Positive	94	101	103	69	56	67	68	34	52	53
Number Tested	51,484	49,015	46,952	44,223	41,573	39,594	37,625	35,217	35,068	33,293
Percent HIV Positive	0.18	0.21	0.22	0.16	0.13	0.17	0.18	0.10	0.15	0.16
30-34										
Number Positive	65	62	65	58	70	51	55	48	50	52
Number Tested	41,337	41,179	42,223	42,165	41,843	41,915	40,999	39,438	39,005	37,980
Percent HIV Positive	0.16	0.15	0.15	0.14	0.17	0.12	0.13	0.12	0.13	0.14
35+										
Number Positive	32	44	41	40	27	32	23	31	25	20
Number Tested	16,595	17,513	18,382	19,337	20,199	20,873	22,114	22,056	23,280	23,858
Percent HIV Positive	0.19	0.25	0.22	0.21	0.13	0.15	0.10	0.14	0.11	0.08
Other/Unknown										
Number Positive	0	0	2	0	0	0	1	0	1	4
Number Tested	149	229	140	132	112	78	80	85	88	228
Percent HIV Positive	0.00	0.00	1.43	0.00	0.00	0.00	1.25	0.00	1.14	1.75

Figure 1-3c **Rest of State Residents**

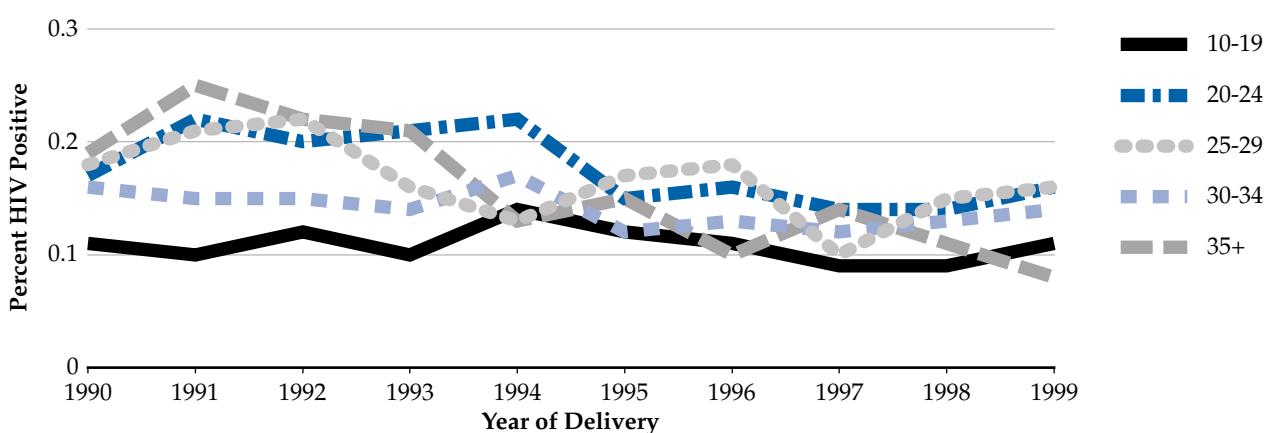


Figure 1-4

New York State Survey of Childbearing Women HIV Prevalence by County of Residence

Deliveries January 1998 - December 1999

County	1998			1999		
	Number Positive	Number Tested	Percent Positive	Number Positive	Number Tested	Percent Positive
Albany	18	3,208	0.56	10	2,880	0.35
Allegany	0	521	0.00	0	521	0.00
Bronx	283	21,944	1.29	244	21,511	1.13
Broome	3	2,162	0.14	5	2,250	0.22
Cattaraugus	0	981	0.00	2	925	0.22
Cayuga	1	864	0.12	1	847	0.12
Chautauqua	2	1,399	0.14	4	1,367	0.29
Chemung	0	954	0.00	1	984	0.10
Chenango	1	550	0.18	0	514	0.00
Clinton	0	693	0.00	0	803	0.00
Columbia	2	513	0.39	0	541	0.00
Cortland	0	583	0.00	0	552	0.00
Delaware	0	450	0.00	0	439	0.00
Dutchess	3	2,927	0.10	7	2,857	0.25
Erie	19	11,271	0.17	21	10,890	0.19
Essex	1	261	0.38	1	241	0.41
Franklin	0	469	0.00	0	444	0.00
Fulton	0	575	0.00	0	526	0.00
Genesee	0	683	0.00	1	707	0.14
Greene	1	507	0.20	1	422	0.24
Hamilton	0	44	0.00	0	36	0.00
Herkimer	0	611	0.00	0	632	0.00
Jefferson	1	1,703	0.06	1	1,722	0.06
Kings	282	38,817	0.73	296	38,513	0.77
Lewis	0	304	0.00	0	300	0.00
Livingston	1	647	0.15	0	674	0.00
Madison	0	783	0.00	0	703	0.00
Monroe	7	9,310	0.08	10	8,959	0.11
Montgomery	1	595	0.17	1	591	0.17
Nassau	23	16,541	0.14	13	16,304	0.08
New York	138	18,964	0.73	121	19,377	0.62

Figure 1-4

New York State Survey of Childbearing Women, HIV Prevalence by County of Residence, Deliveries 1998-1999
 (continued)

County	Year of Delivery		
	1998	1999	
	Number Positive	Number Tested	Percent Positive
Niagara	3	2,433	0.12
Oneida	1	2,607	0.04
Onondaga	6	5,849	0.10
Ontario	0	1,126	0.00
Orange	4	4,450	0.09
Orleans	0	515	0.00
Oswego	0	1,412	0.00
Otsego	0	530	0.00
Putnam	0	996	0.00
Queens	99	30,789	0.32
Rensselaer	1	1,625	0.06
Richmond	19	5,439	0.35
Rockland	10	3,924	0.25
Saint Lawrence	1	1,105	0.09
Saratoga	0	2,420	0.00
Schenectady	3	1,838	0.16
Schoharie	0	289	0.00
Schuyler	0	197	0.00
Seneca	0	330	0.00
Steuben	1	1,146	0.09
Suffolk	17	19,145	0.09
Sullivan	1	766	0.13
Tioga	0	386	0.00
Tompkins	2	793	0.25
Ulster	2	1,686	0.12
Warren	1	633	0.16
Washington	1	526	0.19
Wayne	1	1,206	0.08
Westchester	30	12,100	0.25
Wyoming	0	434	0.00
Yates	0	337	0.00

Figure 1-5

New York State Survey of Childbearing Women HIV Prevalence by Zip Code of Residence – NYC

Deliveries 1998 - 1999

Percent HIV Positive

- 1.00 to 3.06
- 0.44 to 0.99
- 0.25 to 0.43
- 0.01 to 0.24
- 0.00 to 0.00

